



United States Air Force

Scientific Advisory Board

Dr. O'Dean P. Judd

Private Consultant

EDUCATION:

University of California, Los Angeles

Ph.D., Physics, 1968

M.S., Physics, 1961

WORK EXPERIENCE:

Technical Advisor and Private Consultant-Present

Los Alamos National Laboratory Fellow, 1990-Present

National Intelligence Council, Washington DC

NIO for Science and Technology, 1993-1994

Los Alamos National Laboratory

Chief Scientist, Energy and Environment, 1992-1993

Chief Scientist, Defense Research and Application, 1972-1992

Strategic Defense Initiative Organization, Pentagon, Washington DC

Chief Scientist, 1987-1990

University of New Mexico

Adjunct Professor of Physics and Astronomy, 1981-1990

Hughes Research Laboratory

Staff Physicist, 1959-1972



AREAS OF EXPERTISE:

Plasma physics, electromagnetic theory, high power lasers, particle beams, and microwaves, laser-matter interactions, laser fusion, laser isotope separation and laser chemistry, science and technology, national security policy, intelligence, defense science and technology, conventional and nuclear weapons, missiles and missile defense systems, directed energy weapons, optical systems, space and space systems

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:

Institute of Electronic and Electrical Engineers, Fellow; American Association of the Advancement of Science, Fellow; American Physical Society; Los Alamos National Laboratory, Fellow; Secretary of Defense Medal for Exceptional Meritorious Civilian Service-1990; Institute for the Advancement of Engineering, Fellow
